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URBAN DISTRICT  
COUNCIL OF ADWICK-LE-STREET



# ANNUAL REPORT

OF THE  
MEDICAL OFFICER  
OF HEALTH

FOR

1945

BY

John Ferguson

M.B., Ch.B., D.P.H.

COUNCIL OFFICES,  
ADWICK-LE-STREET,  
Nr. DONCASTER



# URBAN DISTRICT COUNCIL OF ADWICK-LE-STREET, 1945.

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Chairman of the Council :  
County Alderman J. W. LANE, J.P., B.E.M.

Vice-Chairman :  
J. WORDLEY, Esq.

Chairman of the Health and Housing Committee :  
T. BAYNHAM, Esq.

Members of the Health and Housing Committee :

|                         |                       |
|-------------------------|-----------------------|
| Councillor W. BANNISTER | Councillor T. HERRETT |
| „ H. BAYNHAM            | „ J. H. LEWIS         |
| „ T. BOWATER            | „ A. H. MARSHALL      |
| „ G. BRAMLEY            | „ A. McCRACKEN,       |
| „ W. CLIFF              | C.C.                  |
| „ W. CRANFIELD          | „ J. SHAW             |
| J.P.                    | „ T. WATTS            |
| „ A. FORD               | „ R. YOUNG            |
| „ A. HARWOOD            |                       |

## Urban District Council of Adwick-le-Street

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Public Health Department,  
Council Offices,  
Adwick-le-Street,  
Nr. Doncaster,  
July, 1946.

TO THE CHAIRMAN AND MEMBERS OF THE  
ADWICK-LE-STREET URBAN DISTRICT COUNCIL.

Mr. Chairman, Gentlemen,

I have pleasure in submitting herewith my Annual Report on the health of the inhabitants of the district for the year 1945. As requested by the Ministry of Health, this report has again been kept as brief as possible.

A reference to the Vital Statistics shows that the health of the inhabitants continues to be satisfactory, although unfortunately the Infantile Mortality rate has increased from 49.43 to 96.2. The Death Rate has increased slightly from the very low figure of 8.89 in 1944 to 11.68 in 1945. The Birth Rate continues to be well above that for England and Wales, although it is slightly reduced from that of 1944, the respective figures being 21.87 for 1945 and 25.0 for 1944. The estimated population has increased from 17,770 to 18,060.

My thanks are due to the Chairman and Members of the various Committees and to my fellow Officials for their help and co-operation during the year. I am particularly indebted to the Sanitary Inspector and to the Public Health Staff for their valued help.

I have the honour to be,

Gentlemen,

Your obedient Servant,

J. FERGUSON,

Medical Officer of Health.

# Section A.

## STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area—3,605 acres.

Registrar General's estimate of—

- (1) Resident Population Mid-Year, 1945—18,060.
- (2) Average Population appropriate to the calculation of Death Rates—18,060.

Number of inhabited houses at end of 1945—4,515.

Rateable value £72,818.

Sum represented by a penny rate—£278 8s. 2d.

### EXTRACTS FROM VITAL STATISTICS.

(Corrected for inward and outward returns).

#### BIRTHS.

|                                 | Male | Female | Total |
|---------------------------------|------|--------|-------|
| Live Births : Legitimate ... .. | 190  | 180    | 370   |
| Illegitimate ... ..             | 12   | 13     | 25    |
| Total ... ..                    | 202  | 193    | 395   |

Birth Rate per 1,000 of estimated population 21.87.

|                                  | Male | Female | Total |
|----------------------------------|------|--------|-------|
| Still Births : Legitimate ... .. | 5    | 6      | 11    |
| Illegitimate ... ..              | 1    | —      | 1     |
| Total ... ..                     | 6    | 6      | 12    |

Rate per 1,000 total (live and still) Births—30.38.

#### DEATHS.

|               | Male | Female | Total |
|---------------|------|--------|-------|
| Deaths ... .. | 124  | 87     | 211   |

Crude Death Rate per 1,000 of the estimated resident population—11.68.

#### DEATHS FROM PUERPERAL CAUSES.

|                              | Deaths | Rate per 1,000 total<br>(live and still) Births |
|------------------------------|--------|-------------------------------------------------|
| Puerperal Sepsis ... ..      | —      | —                                               |
| Other Maternal Causes ... .. | 1      | 2.46                                            |
| Total ... ..                 | 1      | 2.46                                            |

|                                                                                 |       |
|---------------------------------------------------------------------------------|-------|
| Deaths of Infants under one year of age ...                                     | 38    |
| Death Rate of all Infants per 1,000 live births                                 | 96.2  |
| Death Rate of legitimate Infants per 1,000<br>legitimate live births ... ..     | 94.6  |
| Death Rate of illegitimate Infants per 1,000<br>illegitimate live births ... .. | 120.0 |

#### DEATHS FROM

|                                  | 1944 | 1945 |
|----------------------------------|------|------|
| Cancer (all ages) ... ..         | 16   | 30   |
| Measles (all ages) ... ..        | —    | 2    |
| Whooping Cough (all ages) ... .. | 2    | —    |
| Diarrhoea (under 2 years of age) | —    | 8    |

#### BIRTH AND DEATH RATES.

|                                                     | 1944  | 1945  |
|-----------------------------------------------------|-------|-------|
| Total number of live births ... ..                  | 445   | 395   |
| Birth rate per 1,000 population ...                 | 25.00 | 21.87 |
| Birth Rate for England and Wales                    | 17.60 | 16.1  |
| Total number of deaths ... ..                       | 158   | 211   |
| Death rate per 1,000 population (crude)             | 8.89  | 11.68 |
| Death rate per 1000 for England<br>and Wales ... .. | 11.60 | 11.4  |

#### INFANTILE MORTALITY.

The Infantile rate is the number of deaths of infants under one year of age per 1,000 registered births.

|                                    | 1944  | 1945 |
|------------------------------------|-------|------|
| Adwick-le-Street per 1,000 births  | 49.43 | 96.2 |
| England and Wales per 1,000 births | 46.00 | 46.0 |

An abnormally high number of deaths of children under one year of age took place in 1945. Thirty-eight such deaths occurred, 18 males and 20 females, compared with 22 deaths in 1944.

An investigation of these deaths showed the following conditions were the main factors or contributing factors in the causes of death.

|                          |           |
|--------------------------|-----------|
| Prematurity ... ..       | 10 deaths |
| Broncho-Pneumonia ... .. | 13 „      |
| Gastro-Enteritis ... ..  | 7 „       |
| Other Causes ... ..      | 8 „       |

The age groups for these 38 deaths were:—

| Up to 24 hours | 1 day-7 days | 1 week-4 weeks | 1 month-1 year |
|----------------|--------------|----------------|----------------|
| 8              | 4            | 8              | 18             |

The successful rearing of a premature child, difficult at all times, is prejudiced by the present housing shortage with the consequent overcrowding and to some extent by the limited facilities available for treating these cases in hospital.

Broncho-pneumonia and gastro-enteritis are always serious diseases in infancy and early childhood and have a high mortality rate.

#### ROAD ACCIDENTS AND OTHER VIOLENT CAUSES.

Two inhabitants of this district lost their lives through road accidents.

Thirteen inhabitants were killed by other violent causes.

## COMPARATIVE TABLES.

| Year | Population | Birth Rate | Death Rate | Infantile Mortality Rate |
|------|------------|------------|------------|--------------------------|
| 1915 | 10,431     | 39.00      | 12.60      | 147.40                   |
| 1920 | 11,797     | 30.90      | 9.90       | 67.70                    |
| 1930 | 19,230     | 25.70      | 11.00      | 60.40                    |
| 1931 | 20,620     | 22.40      | 10.10      | 66.90                    |
| 1932 | 20,257     | 21.40      | 10.80      | 72.80                    |
| 1933 | 20,170     | 20.90      | 10.10      | 90.00                    |
| 1934 | 19,810     | 18.10      | 11.80      | 74.90                    |
| 1935 | 19,650     | 19.60      | 12.90      | 80.70                    |
| 1936 | 19,680     | 18.30      | 13.90      | 72.20                    |
| 1937 | 19,330     | 16.70      | 13.60      | 58.20                    |
| 1938 | 19,170     | 18.90      | 14.70      | 74.10                    |
| 1939 | 19,050     | 19.52      | 13.46      | 72.58                    |
| 1940 | 18,050     | 18.94      | 13.06      | 40.81                    |
|      |            |            | (crude)    |                          |
| 1941 | 18,120     | 19.75      | 9.27       | 77.12                    |
|      |            |            | (crude)    |                          |
| 1942 | 17,890     | 19.67      | 8.66       | 53.97                    |
|      |            |            | (crude)    |                          |
| 1943 | 17,670     | 20.71      | 10.01      | 71.03                    |
|      |            |            | (crude)    |                          |
| 1944 | 17,770     | 25.00      | 8.89       | 49.43                    |
|      |            |            | (crude)    |                          |
| 1945 | 18,060     | 21.87      | 11.68      | 96.20                    |

## SOCIAL CONDITIONS.

The chief occupation of the inhabitants of the Urban District is Coal Mining with tradesmen and shopkeepers who cater for their needs. A reference to the vital statistics and to the Infectious Diseases rates show that the health of the inhabitants is satisfactory.

The Death Rate shows an increase over that of 1944, and the Birth Rate whilst still higher than that of England and Wales is lower than in 1944.

### Section B.

## GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.

### 1. PUBLIC HEALTH OFFICERS.

#### (a) Medical Officer of Health :

JOHN FERGUSON, M.B., Ch.B., D.P.H.

Dr. Ferguson is also Medical Officer of Health to Bentley-with-Arksey Urban District Council, and is an Assistant County Medical Officer.

#### (b) Sanitary Inspector :

W. SENIOR, M.S.I.A.

(c) Assistant :

C. W. VALLANCE.

(d) Clerks :

Miss E. J. SKIPP.

Mrs. M. DAVIES.

## 11. SERVICES.

There has been no change in the following services :—

Nursing in the home.

Treatment Centres and Clinics.

Laboratory facilities.

## HOSPITALS.

Complicated maternity cases continue to be admitted to the wards at Springwell House known as the Hamilton Annexe, and puerperal cases are admitted to the Doncaster Borough Isolation Hospital, Tickhill Road. Normal cases were admitted to the Mexborough Hospital and to the Lindrick Maternity Home.

With the cessation of hostilities this latter Home has now closed down.

In my previous report early consideration of the maternity accommodation for the District was urged as a priority requirement, and at the time of writing, July 1946, consideration is being given to the provision of adequate maternity accommodation.

## AMBULANCE FACILITIES.

Following joint meetings between the Local Authorities in the area and the County Council, a County Ambulance Scheme has been put into operation. The nucleus of the scheme is the transport used for Civil Defence purposes and it is hoped to replace these converted ambulances by up-to-date ambulances as soon as possible. A 24-hours service is in operation. (Telephone : Doncaster 2310).

The ambulance services provided for those inhabitants who use the Colliery Welfare Ambulance still continues.

### III. CLINICS AND TREATMENT CENTRES.

| CLINICS                     | SITUATION                                              | TIME OF OPENING                                                                                           |
|-----------------------------|--------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| Maternity and Child Welfare | Wesleyan Chapel, Woodlands                             | Thursday 2 p.m.                                                                                           |
| "                           | Presbyterian Church, Carcroft                          | Thursday 2 p.m.                                                                                           |
| Ante-natal                  | Wesleyan Chapel, Woodlands                             | Tuesday 1-30 p.m.                                                                                         |
| "                           | Presbyterian Church, Carcroft                          | Monday, 1-30 p.m.                                                                                         |
| School Clinic               | Wesleyan Chapel, Woodlands                             | Monday & Thursday at 10 a.m.                                                                              |
| "                           | Presbyterian Church, Carcroft                          |                                                                                                           |
| Tuberculosis                | 20, Christ Church Rd., Doncaster                       | Monday 2 p.m. and 7 p.m.                                                                                  |
| Venereal Diseases           | Doncaster Royal Infirmary                              | Men :<br>Tuesday 5-30—7-30<br>Friday 4—6 p.m.<br>Women and Children<br>Monday 4—6 p.m.<br>Friday 6—8 p.m. |
| Scabies                     | Cleansing Station, Village Street                      | Tuesday and Friday at 10 a.m.                                                                             |
| Diphtheria Immunisation     | Public Health Dept., Council Offices, Adwick-le-Street | Friday 2-30 p.m.                                                                                          |

#### Section C.

### SANITARY CIRCUMSTANCES OF THE AREA.

#### 1. WATER SUPPLY.

##### (a) Town Supply.

The area is supplied with water obtained in bulk from the Doncaster and Tickhill Joint Water Board. The supply continues to be satisfactory, being of good quality, constant and sufficient.

The water continues to be chlorinated in accordance with the Ministry of Health instructions.

Number of Dwelling Houses on public supply—4,515.

No extension of supply was made during the year.

The net consumption of water per head per day is as follows :—

|             |                           |
|-------------|---------------------------|
| 1939—21.294 | gallons per head per day. |
| 1940—22.726 | " " " " "                 |
| 1941—25.059 | " " " " "                 |
| 1942—26.897 | " " " " "                 |
| 1943—28.313 | " " " " "                 |
| 1944—29.619 | " " " " "                 |
| 1945—31.084 | " " " " "                 |

As these figures are net figures after metered supplies have been deducted, there is an increasing use of water by domestic consumers.

Appended is a copy of a chemical and bacteriological examination. 62 samples were taken during the year, 44 by the Surveyor and 18 by the Sanitary Inspector.

## CHEMICAL ANALYSIS.

Richardson and Jaffe,  
Victoria Square,  
Bradford, 1946.

Report upon sample of water from Adwick-le-Street  
Urban District Council.

|                          | Parts per 100,000 |
|--------------------------|-------------------|
| Appearance .....         | Clear             |
| Total Solids .....       | 21.0              |
| Chlorine .....           | 1.6               |
| Nitrite .....            | Nil               |
| Nitrate .....            | 0.36              |
| Free Ammonia .....       | 0.005             |
| Albuminoid Ammonia ..... | 0.002             |
| Metals .....             | Nil               |
| Total Hardness .....     | 10.3              |
| pH .....                 | 7.6               |

This water is of good organic purity.

RICHARDSON and JAFFE.

## BACTERIOLOGICAL EXAMINATION.

Health Laboratory,  
Wakefield.

Report upon the Bacteriological Examination of water  
collected from The Park, Woodlands.

Presumptive B. Coli      None in 100 ml. of water.

The examination shows that this water is satisfactory according to the standard recommended by the Ministry of Health.

### (b) WELLS AND SPRINGS.

18 samples of water have been taken during the year from wells and springs used or capable of being used by isolated houses. In each case the bacteriological examination showed the water to be satisfactory.

### 2. RIVERS AND STREAMS.

The Mill Stream and the Ea Beck flow through the district. Constructional works by the Dun Drainage Commissioners have caused part of the Mill Stream to dry up and the final effluent of the Sewage Works now passes almost directly into the Ea Beck.

The Mill Stream has been cleansed by the Dun Drainage Commissioners, the Council paying their proportion of the cost.

### 3. DRAINS AND SEWERAGE.

No extension of the sewerage system took place during the year.

The effluent from the works continues to be classed as satisfactory.

### 4. CLOSET ACCOMMODATION.

|                                          |     |     |     |     |     |      |
|------------------------------------------|-----|-----|-----|-----|-----|------|
| No. of Water Closets                     | ... | ... | ... | ... | ... | 5088 |
| No. of Privies                           | ... | ... | ... | ... | ... | 12   |
| No. of Pail Closets                      | ... | ... | ... | ... | ... | 14   |
| No. of Waste Water Closets               | ... | ... | ... | ... | ... | None |
| No. of W.C.'s constructed for new houses | ... | ... | ... | ... | ... | None |
| No. of W.C.'s constructed for old houses | ... | ... | ... | ... | ... | 2    |

### 5. SCAVENGING.

This work is done by the Council under the direction of your Surveyor. One 30 cwt. Morris lorry and two 2 ton Karrier Bantams are used for scavenging.

|                      | 1944        | 1945        |
|----------------------|-------------|-------------|
| Total weight removed | 10,185 tons | 11,594 tons |
| No. of loads removed | 4,659       | 4,801       |
| Total costs          | £2,649/8/9  | £3,168/14/2 |
| Cost per ton         | 5/2½d.      | 5/5½d.      |
| Cost per house       | 11/9d.      | 14/0¼d.     |
| Cost per person      | 2/7¾d.      | 3/0⅛d.      |

Refuse is tipped on land adjoining adwick Sewage Works and the Ea Beck at Bentley Moor Lane.

### 6. SANITARY INSPECTIONS OF THE AREA.

|                                                |     |     |     |     |      |
|------------------------------------------------|-----|-----|-----|-----|------|
| No. of Inspections made                        | ... | ... | ... | ... | 2103 |
| No. of Informal Notices served                 | ... | ... | ... | ... | 336  |
| No. of Informal Notices outstanding Dec, 1944  | ... | ... | ... | ... | 40   |
| No. of Informal Notices complied with          | ... | ... | ... | ... | 333  |
| No. of Informal Notices outstanding Dec. 1945  | ... | ... | ... | ... | 43   |
| No. of Statutory Notices served                | ... | ... | ... | ... | 177  |
| No. of Statutory Notices outstanding Dec. 1944 | ... | ... | ... | ... | 8    |
| No. of Statutory Notices complied with         | ... | ... | ... | ... | 168  |
| No. of Statutory Notices outstanding Dec. 1945 | ... | ... | ... | ... | 17   |

### 7. SWIMMING BATHS AND POOLS.

There are none in the area. There are Pit Head Baths at Brodsworth Colliery.

### 8. OFFENSIVE TRADES.

FISH FRYING. During the year 16 inspections were made. There are 18 shops in the area.

KNACKERS YARDS. There are none in the area.

COMMON LODGING HOUSES. There are none in the area.

## 9. SCHOOLS.

There are five public elementary schools in the area and the Percy Jackson Grammar School.

In all cases of Notifiable Disease the Head Teacher is informed of the contacts and the period of exclusion.

No schools were closed during the year.

As Assistant County Medical Officer, I have visited all schools in the area to carry out School Medical Inspections. During the visits, inspections were made of all school premises and any defects found were reported to the County Medical Officer of Health.

There are now two school canteens in operation in the area, one to supply Highfields, Woodlands and Adwick areas, and the other the Carcroft and Skellow areas. The meals provided are appetising, and, along with the Milk-in-Schools scheme, do much to maintain the physical conditions of the children at a satisfactory standard.

Progress has been made in establishing facilities for heating the dinner plates and the dinners are now more appetising.

## 10. RAINFALL AND TEMPERATURE.

Your Surveyor, W. S. Ellis, Esq., has kindly supplied me with a copy of the recording of rainfall and temperature throughout the year.

Comparative figures are as follows :—

| RAINFALL |                                                     |                                                         | TEMPERATURE  |      |              |      |
|----------|-----------------------------------------------------|---------------------------------------------------------|--------------|------|--------------|------|
|          | 1944                                                | 1945                                                    | Minimum Deg. |      | Maximum Deg. |      |
|          |                                                     |                                                         | 1944         | 1945 | 1944         | 1945 |
| Jan.     | 2.40 ins.                                           | 1.36 ins.<br>+ 11 <sup>3</sup> / <sub>4</sub> "<br>snow | 20           | 11   | 59           | 49   |
| Feb.     | 1.11 ins.<br>(4 <sup>1</sup> / <sub>2</sub> " snow) | 2.66 ins.                                               | 18           | 28   | 58           | 64   |
| Mar.     | .34 ins.                                            | 0.35 ins.                                               | 23           | 28   | 80           | 81   |
| April    | 1.98 ins.                                           | 1.76 ins.                                               | 23           | 24   | 79           | 89   |
| May      | 1.77 ins.                                           | 1.45 ins.                                               | 25           | 29   | 96           | 82   |
| June     | 2.09 ins.                                           | 2.10 ins.                                               | 36           | 39   | 94           | 92   |
| July     | 2.55 ins.                                           | 1.60 ins.                                               | 45           | 44   | 99           | 96   |
| Aug.     | 2.87 ins.                                           | 1.82 ins.                                               | 42           | 40   | 96           | 104  |
| Sept.    | 3.74 ins.                                           | 1.62 ins.                                               | 32           | 38   | 83           | 82   |
| Oct.     | 2.31 ins.                                           | 2.98 ins.                                               | 31           | 32   | 70           | 72   |
| Nov.     | 3.62 ins.                                           | 0.32 ins.                                               | 28           | 26   | 58           | 58   |
| Dec.     | 1.53 ins.                                           | 1.31 ins.                                               | 19           | 24   | 54           | 54   |

The wettest day of the year was the 22nd October with 0.96" rainfall, the hottest day the 6th August with a temperature of 104 degrees, and the coldest day the 23rd January with 19 degrees of frost.

## 11. MORTUARIES.

For accidents—One in Council Yard.

For Post Mortem examination—One in Council Yard.

## 12. SMOKE ABATEMENT.

Ten observations were taken, each of 30 minutes during 1944~~5~~<sup>5</sup>. 4 cautions were issued.

### Section D.

### HOUSING.

No houses were built in the district during 1945. The number of houses in the various wards are :—

|                |     |     |     |     |     |     |     |
|----------------|-----|-----|-----|-----|-----|-----|-----|
| Skellow        | ... | ... | ... | ... | ... | ... | 933 |
| Carcroft       | ... | ... | ... | ... | ... | ... | 864 |
| Adwick         | ... | ... | ... | ... | ... | ... | 983 |
| Woodlands East | ... | ... | ... | ... | ... | ... | 599 |
| Woodlands      | ... | ... | ... | ... | ... | ... | 674 |
| Highfields     | ... | ... | ... | ... | ... | ... | 462 |

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Total 4515

Housing is a serious problem in this area and there are long waiting lists of applicants. The Council have a housing programme with plans for a housing estate at each end of the district. No building took place in 1945, but it is hoped that a start will be made this year.

No temporary bungalows are now included in the Council's housing programme.

## INSPECTION AND SUPERVISION OF FOOD

### 1. MILK SUPPLY.

|                                   |     |     |     |     |    |
|-----------------------------------|-----|-----|-----|-----|----|
| Number of Cowsheds                | ... | ... | ... | ... | 12 |
| Number of Cowkeepers              | ... | ... | ... | ... | 10 |
| Number of Cows                    | ... | ... | ... | ... | 60 |
| Number of Wholesale Traders       | ... | ... | ... | ... | 11 |
| Number of Retail Purveyors        | ... | ... | ... | ... | 44 |
| Number of Inspections of Cowsheds | ... | ... | ... | ... | 23 |

### 2. LICENCES IN FORCE IN THE AREA.

2 Principle licences to pasteurise milk.

1 Supplementary licence to retail pasteurised milk.

1 Dealer's licence to sell Tuberculin Tested Milk.

One pasteurised licence is in respect of the High Temperature Short Time process.

### 3. EXAMINATION OF MILK FOR TUBERCULOSIS.

|                          |     |     |     |    |
|--------------------------|-----|-----|-----|----|
| Number of samples taken  | ... | ... | ... | 57 |
| Number found tuberculous | ... | ... | ... | 4  |

In these four cases an official of the Ministry of Agriculture and Fisheries investigated the herd at the farm of production.

### 4. BACTERIOLOGICAL EXAMINATION OF MILK.

#### (a) Pasteurised Milk.

68 samples of milk were taken during the year, 17 samples pasteurised by the "Holding Process" and 51 by the "High Temperature Process." In the first process the milk is held between 145 deg.—150 deg. F. for at least 30 minutes, and then cooled to 55 deg. F. and in the second process the milk is held at a minimum of 162 deg. F. for a minimum of 15 seconds and then cooled to 55 deg. F.

All samples were subjected to a bacteria count and to the phosphatase test, the latter being the important one as it indicates that the milk has been subjected to the proper heat for the proper time, and in these conditions no germ of tuberculosis can live.

Of the 68 samples only 4 failed to pass the bacteria count test, and all passed the phosphatase test. The results are most satisfactory.

In the larger of the two plants in this area, much reconstruction work continues to be done, and the owners have co-operated with the Health Department as fully as possible.

#### (b) TUBERCULIN TESTED MILK.

13 samples of Tuberculin Tested milk were taken, of which 12 were satisfactory.

This is a marked improvement on the previous year when, of the nine samples taken, six were unsatisfactory.

### 5. FOOD AND DRUGS ACT, 1938.

38 milk samples have been taken during the year. 5 of the samples were classified "adulterated" by the Public Analyst. The evidence in connection with each case was submitted to the County Council who subsequently cautioned each milk retailer concerned.

### 6. MEAT AND OTHER FOODS.

No slaughtering has taken place in the district as all butchers obtain their meat supplies from the Meat Pool at the Doncaster Abattoir.

No samples (apart from milk) were taken for examination under the Food and Drug Act, 1938.

The following articles of food have been condemned :

|                    |          |                   |           |
|--------------------|----------|-------------------|-----------|
| Fish .....         | 1½ cwts. | Milk .....        | 47 tins   |
| Mussels .....      | 1 bag    | Steak .....       | 9 tins    |
| Sausage .....      | 17 lbs.  | Flour .....       | 1 stone   |
| Brisket Beef ..... | 4 lbs.   | Jam .....         | 15 lbs.   |
| Beef Suet .....    | 5 lbs.   | Marmalade .....   | 21 lbs.   |
| Oats .....         | 1 lb.    | Chopped Ham ...   | 13 lbs.   |
| Macaroni .....     | 28 lbs.  | Wheat Flakes..... | 1 pkt.    |
| Butter .....       | 2 lbs.   | Red Cabbage ..... | 2 jars    |
| Peas .....         | 9 tins   | Piccalilli .....  | 1 jar     |
| Luncheon Meat...   | 13 tins  | Beetroot .....    | 1 jar     |
| Pilchards .....    | 7 tins   | Meat Paste .....  | 1 jar     |
| Soup .....         | 6 tins   | Sauce .....       | 4 bottles |
| Beans .....        | 44 tins  | Vinegar .....     | 1 bottle  |
| Salmon .....       | 12 tins  | Cordial .....     | 1 bottle  |
| Carrots .....      | 1 tin    | Eggs .....        | 110       |
| Shrimps .....      | 1 tin    |                   |           |

### Section F.

During the year 470 cases of Infectious Diseases were notified compared with 186 in 1945. This large increase was due to an outbreak of measles in the area when 326 cases occurred with 2 deaths.

Twenty-seven cases of Diphtheria were notified in the area compared with nine in 1944, but subsequent investigation of these cases in hospital proved that 15 of these were not true Diphtheria. Four cases of Cerebro-Spinal Meningitis were notified, but in no case was the diagnosis confirmed. Two other cases not originally notified as Cerebro-Spinal Meningitis proved to be so on further investigation, and unfortunately both cases died.

### DIPHTHERIA IMMUNISATION.

Although results continue to be satisfactory, the percentage of children immunised, particularly of those children under five years of age, should be increased. Every effort is being made to encourage mothers to take advantage of this scheme to protect their children against Diphtheria.

The responsibility for immunising pre-school children has now been placed with the Welfare Authority, that is the County Council. No charge has yet been made in this area, and children of all ages continue to be immunised by your Medical Officer at the Council Offices, the Schools, and the Child Welfare Clinic.

On the 31st December, 1945, the following figures were submitted to the Ministry of Health.

|                                                                                                                                                                           | Age under<br>5 years | Age 5 years<br>and over<br>but<br>under 15 | Total |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|--------------------------------------------|-------|
| Number of children (including temporary residents) who completed the full course of immunisation in the Authority's Area between the 1st January and 31st December, 1944. | 232                  | 133                                        | 365   |
| What percentage of the child population is it considered were immunised at 31st December, 1944.                                                                           | 48.8%                | 62.9%                                      |       |

## STEAM DISINFECTION.

This district has no steam disinfectors but it is hoped that the erection of a steam disinfectors and cleansing centre will be favourably considered by the Health Committee as soon as possible after the present emergency.

## INFECTIOUS DISEASES.

The accompanying table shows the occurrence and age distribution of notified cases of Infectious Diseases:—

| Diseases                 | Notified        |    |    |    |    |     |     |     |     |     |     |                |     | Total | Hospital<br>Confirmed | Deaths |
|--------------------------|-----------------|----|----|----|----|-----|-----|-----|-----|-----|-----|----------------|-----|-------|-----------------------|--------|
|                          | Un-<br>der<br>1 | 1- | 2- | 3- | 4- | 5-  | 10- | 15- | 20- | 35- | 45- | 65 and<br>over |     |       |                       |        |
| Scarlet Fever            | —               | 5  | 3  | 5  | 3  | 20  | 8   | 3   | 4   | 1   | —   | —              | 52  | 52    | 50                    | —      |
| Diphtheria               | —               | 2  | —  | 1  | 1  | 5   | 5   | 5   | 8   | —   | —   | —              | 27  | 27    | 12                    | 1      |
| Cerebro-Spinal<br>Fever  | 3               | —  | —  | —  | —  | —   | 1   | —   | —   | —   | —   | —              | 4   | 4     | —                     | 2      |
| Puerperal<br>Pyrexia     | —               | —  | —  | —  | —  | —   | —   | —   | 3   | 1   | —   | —              | 4   | 2     | 4                     | 1      |
| Whooping Cough           | 2               | 2  | —  | 1  | 2  | 2   | —   | —   | —   | —   | —   | —              | 9   | —     | 9                     | —      |
| Pneumonia                | 6               | 2  | 3  | —  | —  | 6   | 2   | 2   | 1   | 6   | 6   | 2              | 36  | —     | 36                    | 16     |
| Erysipelas               | —               | —  | —  | —  | —  | —   | 1   | —   | 1   | 4   | 4   | —              | 10  | —     | 10                    | —      |
| Ophthalmia<br>Neonotorum | 2               | —  | —  | —  | —  | —   | —   | —   | —   | —   | —   | —              | 2   | —     | 2                     | —      |
| Measles                  | 14              | 55 | 47 | 57 | 33 | 114 | 4   | 1   | 1   | —   | —   | —              | 326 | —     | 326                   | 2      |
| Total                    |                 |    |    |    |    |     |     |     |     |     |     |                | 470 | 85    | 449                   | 22     |

## DISTRIBUTION OF INFECTIOUS DISEASES BY WARDS OF CONFIRMED CASES.

| Disease               | Adwick | Highfields | W'dlands | Wood-lands | Carcroft E. | Skellow |     |
|-----------------------|--------|------------|----------|------------|-------------|---------|-----|
| Scarlet Fever         | 50     | 3          | 10       | 12         | 15          | 4       | 6   |
| Diphtheria            | 12     | 4          | 1        | 1          | 1           | 1       | 5   |
| Pneumonia             | 36     | 6          | 4        | 9          | 1           | 6       | 10  |
| Erysipelas            | 10     | 1          | 1        | 2          | —           | 4       | 2   |
| Whooping Cough        | 9      | —          | —        | 3          | —           | 2       | 4   |
| Puerperal Pyrexia     | 4      | 1          | 1        | 1          | —           | 1       | —   |
| Ophthalmia Neonatorum | 2      | 1          | —        | 1          | —           | —       | —   |
| Measles               | 326    | 42         | 27       | 43         | 34          | 61      | 119 |
| Total                 | 449    | 54         | 47       | 72         | 51          | 79      | 146 |

### OPHTHALMIA NEONATORUM.

Two cases were notified during the year. These were treated at home and the vision was not impaired.

### TUBERCULOSIS.

No action was taken under the Public Health (Prevention of Tuberculosis) Regulations, 1925, or under Section 172 of the Public Health Act, 1936.

| Age Period  | NEW CASES   |             |           |             |             |             |           |             | DEATHS      |             |           |             |             |             |           |             |
|-------------|-------------|-------------|-----------|-------------|-------------|-------------|-----------|-------------|-------------|-------------|-----------|-------------|-------------|-------------|-----------|-------------|
|             | Respiratory |             |           |             | Other Forms |             |           |             | Respiratory |             |           |             | Other Forms |             |           |             |
|             | Male 1944   | Female 1945 | Male 1944 | Female 1945 | Male 1944   | Female 1945 | Male 1944 | Female 1945 | Male 1944   | Female 1945 | Male 1944 | Female 1945 | Male 1944   | Female 1945 | Male 1944 | Female 1945 |
| 0 to 1      | —           | —           | —         | —           | —           | —           | —         | —           | —           | —           | —         | —           | —           | —           | —         | —           |
| 1 to 5      | —           | —           | —         | —           | —           | —           | —         | 1           | —           | —           | —         | —           | —           | —           | —         | 1           |
| 5 to 15     | —           | —           | —         | —           | 1           | 1           | —         | 2           | —           | —           | —         | —           | —           | —           | —         | —           |
| 15 to 25    | 4           | —           | —         | —           | —           | —           | —         | 2           | 1           | 4           | 1         | —           | —           | —           | —         | —           |
| 25 to 35    | 2           | —           | —         | 2           | 2           | 2           | —         | 1           | 1           | —           | —         | —           | 1           | —           | —         | —           |
| 35 to 45    | 1           | 1           | —         | —           | —           | —           | —         | —           | —           | 1           | —         | —           | —           | —           | —         | —           |
| 45 to 55    | —           | —           | 1         | —           | —           | —           | —         | —           | —           | 3           | —         | —           | —           | —           | —         | —           |
| 55 to 65    | 2           | 1           | —         | —           | —           | —           | —         | —           | 1           | —           | —         | —           | —           | —           | —         | 1           |
| 65 and over | —           | 1           | —         | —           | —           | —           | —         | —           | —           | 2           | 1         | —           | —           | —           | —         | —           |
| Total       | 9           | 3           | 1         | 2           | 3           | 3           | —         | 6           | 3           | 10          | 2         | —           | 1           | —           | 1         | 1           |

The number of cases on the Tuberculosis Register at the 31st December, 1945 was 224 compared with 240 in the previous year. Details are as follows :—

|             | 1944  |     |         |    | 1945  |    |         |    |
|-------------|-------|-----|---------|----|-------|----|---------|----|
| RESPIRATORY | Males | 107 | Females | 50 | Males | 93 | Females | 49 |
| OTHER FORMS | Males | 46  | Females | 37 | Males | 45 | Females | 37 |

There have been no cases of wilful neglect or refusal to notify. The Medical Practitioners in the area are prompt in their notification of tuberculosis. 1 death from tuberculosis had not been previously notified.

T.B. DEATH RATE—0.61 per 1,000.

## SCABIES.

With the closing of Woodlands First Aid Post in November, 1944, and Carcroft First Aid Post in July, 1945, the area was left without any facilities for treating this condition. Temporary arrangements were made for the treatment of cases at Bentley Cleansing Station, but the distance was too far for mothers with small children to attend. The County Council were approached and asked to allow the Cleansing Station in Village Street to be used, and they eventually agreed. The service was restarted in January, 1946, and a nurse attends every Tuesday and Friday morning from 10 a.m. to 12 noon to carry out treatment.

Benzyl Benzoate emulsion is used and each case received two treatments.

The results are most satisfactory and the service is appreciated by those who unfortunately become infected with this irritating condition.

# CANCER DEATHS.

Taken from the Return of Deaths to the Sanitary Authority there were 30 deaths.

| Age | Male | Female | Oesophagus | Liver | Prostate | Stomach | Colon | Breast | Lung | Uterus | Rectum | Bronchus | Peritoneum | Fauces | Pancreas | Larynx | Tonsil |
|-----|------|--------|------------|-------|----------|---------|-------|--------|------|--------|--------|----------|------------|--------|----------|--------|--------|
| 52  |      | F      | 1          |       |          |         |       |        |      |        |        |          |            |        |          |        |        |
| 66  | M    |        |            | 1     |          |         |       |        |      |        |        |          |            |        |          |        |        |
| 69  | M    |        |            |       | 1        |         |       |        |      |        |        |          |            |        |          |        |        |
| 73  | M    |        |            |       | 1        |         |       |        |      |        |        |          |            |        |          |        |        |
| 61  | M    |        |            |       | 1        |         |       |        |      |        |        |          |            |        |          |        |        |
| 61  |      | F      |            |       |          | 1       |       |        |      |        |        |          |            |        |          |        |        |
| 37  | M    |        |            |       |          | 1       |       |        |      |        |        |          |            |        |          |        |        |
| 62  | M    |        |            |       |          | 1       |       |        |      |        |        |          |            |        |          |        |        |
| 59  | M    |        |            |       |          | 1       |       |        |      |        |        |          |            |        |          |        |        |
| 69  | M    |        |            |       |          | 1       |       |        |      |        |        |          |            |        |          |        |        |
| 78  | M    |        |            |       |          | 1       |       |        |      |        |        |          |            |        |          |        |        |
| 57  | M    |        |            |       |          |         | 1     |        |      |        |        |          |            |        |          |        |        |
| 62  |      | F      |            |       |          |         |       | 1      |      |        |        |          |            |        |          |        |        |
| 73  |      | F      |            |       |          |         |       | 1      |      |        |        |          |            |        |          |        |        |
| 79  |      | F      |            |       |          |         |       | 1      |      |        |        |          |            |        |          |        |        |
| 50  | M    |        |            |       |          |         |       |        | 1    |        |        |          |            |        |          |        |        |
| 50  |      | F      |            |       |          |         |       |        | 1    |        |        |          |            |        |          |        |        |
| 60  | M    |        |            |       |          |         |       |        | 1    |        |        |          |            |        |          |        |        |
| 60  |      | F      |            |       |          |         |       |        |      | 1      |        |          |            |        |          |        |        |
| 53  | M    |        |            |       |          |         |       |        |      |        | 1      |          |            |        |          |        |        |
| 72  | M    |        |            |       |          |         |       |        |      |        | 1      |          |            |        |          |        |        |
| 79  | M    |        |            |       |          |         |       |        |      |        | 1      |          |            |        |          |        |        |
| 58  |      | F      |            |       |          |         |       |        |      |        |        | 1        |            |        |          |        |        |
| 57  | M    |        |            |       |          |         |       |        |      |        |        |          | 1          |        |          |        |        |
| 55  |      | F      |            |       |          |         |       |        |      |        |        |          |            |        | 1        |        |        |
| 96  |      | F      |            |       |          |         |       |        |      |        |        |          |            |        | 1        |        |        |
| 71  | M    |        |            |       |          |         |       |        |      |        |        |          |            |        |          | 1      |        |
| 54  | M    |        |            |       |          |         |       |        |      |        |        |          |            |        |          |        | 1      |
| 44  |      | F      |            |       |          |         |       |        |      |        |        |          |            |        |          |        |        |
| 59  | M    |        |            |       |          |         |       |        |      |        |        | 1        |            |        |          |        | 1      |

# CAUSES OF DEATH, 1945.

All Causes : 211

|    |                                                |     |     |     |     |     | Male | Female |
|----|------------------------------------------------|-----|-----|-----|-----|-----|------|--------|
|    |                                                |     |     |     |     |     | 124  | 87     |
| 1  | Typhoid and Paratyphoid                        | ... | ... | ... | ... | ... | —    | —      |
| 2  | Cerebro-Spinal Fever                           | ... | ... | ... | ... | ... | 2    | —      |
| 3  | Scarlet Fever                                  | ... | ... | ... | ... | ... | —    | —      |
| 4  | Whooping Cough                                 | ... | ... | ... | ... | ... | —    | —      |
| 5  | Diphtheria                                     | ... | ... | ... | ... | ... | 1    | —      |
| 6  | Tuberculosis of Respiratory System             | ... | ... | ... | ... | ... | 10   | —      |
| 7  | Other Forms of Tuberculosis                    | ... | ... | ... | ... | ... | —    | 1      |
| 8  | Syphilitic Diseases                            | ... | ... | ... | ... | ... | —    | —      |
| 9  | Influenza                                      | ... | ... | ... | ... | ... | 2    | 2      |
| 10 | Measles                                        | ... | ... | ... | ... | ... | —    | 2      |
| 11 | Acute Poliomyelitis and Polio-Encephalitis     | ... | ... | ... | ... | ... | 1    | —      |
| 12 | Acute Infectious Encephalitis                  | ... | ... | ... | ... | ... | —    | —      |
| 13 | Cancer of Buccal Cavity, Oesophagus and Uterus | ... | ... | ... | ... | ... | 1    | 1      |
| 14 | Cancer of Stomach and Duodenum                 | ... | ... | ... | ... | ... | 5    | 1      |
| 15 | Cancer of Breast                               | ... | ... | ... | ... | ... | —    | 3      |
| 16 | Cancer of other sites                          | ... | ... | ... | ... | ... | 14   | 5      |
| 17 | Diabetes                                       | ... | ... | ... | ... | ... | 3    | 1      |
| 18 | Intra cranial vascular lesions                 | ... | ... | ... | ... | ... | 5    | 12     |
| 19 | Heart Disease                                  | ... | ... | ... | ... | ... | 32   | 19     |
| 20 | Other diseases of Circulatory System           | ... | ... | ... | ... | ... | 1    | 1      |
| 21 | Bronchitis                                     | ... | ... | ... | ... | ... | 5    | 3      |
| 22 | Pneumonia                                      | ... | ... | ... | ... | ... | 8    | 8      |
| 23 | Other Respiratory Diseases                     | ... | ... | ... | ... | ... | —    | 1      |
| 24 | Ulcer of Stomach and Duodenum                  | ... | ... | ... | ... | ... | —    | —      |
| 25 | Diarrhoea under 2 years                        | ... | ... | ... | ... | ... | 5    | 3      |
| 26 | Appendicitis                                   | ... | ... | ... | ... | ... | 1    | —      |
| 27 | Other Digestive Diseases                       | ... | ... | ... | ... | ... | 1    | 1      |
| 28 | Nephritis                                      | ... | ... | ... | ... | ... | 1    | 3      |
| 29 | Puerperal and post-abortion Sepsis             | ... | ... | ... | ... | ... | —    | —      |
| 30 | Other Maternal Causes                          | ... | ... | ... | ... | ... | —    | 1      |
| 31 | Premature Birth                                | ... | ... | ... | ... | ... | 3    | 3      |
| 32 | Congenital Malformation birth injuries         | ... | ... | ... | ... | ... | 2    | 6      |
| 33 | Suicide                                        | ... | ... | ... | ... | ... | —    | —      |
| 34 | Road Traffic Accidents                         | ... | ... | ... | ... | ... | 2    | —      |
| 35 | Other Violent Causes                           | ... | ... | ... | ... | ... | 10   | 3      |
| 36 | All other causes                               | ... | ... | ... | ... | ... | 9    | 7      |

Birth rates, Civilian Death rates, Analysis of Mortality,  
Maternal Mortality and Case rates for certain Infectious  
Diseases in the year 1945. Provisional figures based on  
Weekly and Quarterly Returns.

|                                                                         | England<br>and<br>Wales               | 126 C.B.'s<br>and Great<br>Towns<br>including<br>London | 148 smaller<br>Towns<br>Resident Pop.<br>25000—50000<br>at 1931 census | London<br>County<br>Adm. | Adwick-<br>le-<br>Street |
|-------------------------------------------------------------------------|---------------------------------------|---------------------------------------------------------|------------------------------------------------------------------------|--------------------------|--------------------------|
| *Rates per 1,000 Civilian Population :                                  |                                       |                                                         |                                                                        |                          |                          |
| Live Births ... ..                                                      | 16.1†                                 | 19.10                                                   | 19.20                                                                  | 15.70                    | 21.87                    |
| Still Births ... ..                                                     | 0.46†                                 | 0.58                                                    | 0.53                                                                   | 0.40                     | 0.66                     |
| DEATHS :—                                                               |                                       |                                                         |                                                                        |                          |                          |
| All Causes ... ..                                                       | 11.4†                                 | 13.5                                                    | 12.3                                                                   | 13.8                     | 11.68                    |
| Typhoid and<br>Paratyphoid                                              | 0.00                                  | 0.00                                                    | 0.00                                                                   | 0.00                     | 0.00                     |
| Scarlet Fever ...                                                       | 0.00                                  | 0.00                                                    | 0.00                                                                   | 0.00                     | 0.00                     |
| Whooping Cough ...                                                      | 0.02                                  | 0.02                                                    | 0.01                                                                   | 0.02                     | 0.00                     |
| Diphtheria ... ..                                                       | 0.02                                  | 0.02                                                    | 0.02                                                                   | 0.01                     | 0.05                     |
| Influenza ... ..                                                        | 0.08                                  | 0.07                                                    | 0.07                                                                   | 0.07                     | 0.16                     |
| Smallpox ... ..                                                         | 0.00                                  | —                                                       | —                                                                      | —                        | —                        |
| Measles ... ..                                                          | 0.02                                  | 0.02                                                    | 0.02                                                                   | 0.01                     | 0.11                     |
| Rates per 1,000 Live Births :                                           |                                       |                                                         |                                                                        |                          |                          |
| Deaths under 1 year<br>of age                                           | 46x                                   | 54                                                      | 43                                                                     | 53                       | 96.2                     |
| Deaths from Diarr-<br>hoea and Enteritis<br>under 2 yrs. of age         | 5.6                                   | 7.8                                                     | 4.5                                                                    | 7.6                      | 20.2                     |
| Rates per 1,000 Civilian Population :                                   |                                       |                                                         |                                                                        |                          |                          |
| NOTIFICATIONS :                                                         |                                       |                                                         |                                                                        |                          |                          |
| Typhoid Fever ...                                                       | 0.01                                  | 0.01                                                    | 0.01                                                                   | 0.01                     | 0.00                     |
| Paratyphoid Fever                                                       | 0.01                                  | 0.00                                                    | 0.01                                                                   | 0.00                     | 0.00                     |
| Cerebro-Spinal Fever                                                    | 0.05                                  | 0.06                                                    | 0.04                                                                   | 0.06                     | 0.05                     |
| Scarlet Fever ...                                                       | 1.89                                  | 2.02                                                    | 2.03                                                                   | 1.57                     | 2.77                     |
| Whooping Cough ...                                                      | 1.64                                  | 1.65                                                    | 1.47                                                                   | 1.25                     | 0.49                     |
| Diphtheria ... ..                                                       | 0.46                                  | 0.52                                                    | 0.56                                                                   | 0.31                     | 0.66                     |
| Erysipelas ... ..                                                       | 0.25                                  | 0.28                                                    | 0.24                                                                   | 0.31                     | 0.55                     |
| Smallpox ... ..                                                         | 0.00                                  | 0.00                                                    | 0.00                                                                   | 0.00                     | 0.00                     |
| Measles ... ..                                                          | 11.67                                 | 10.89                                                   | 11.19                                                                  | 9.03                     | 18.05                    |
| Pneumonia ... ..                                                        | 0.87                                  | 1.03                                                    | 0.72                                                                   | 0.78                     | 2.04                     |
| Rates per 1,000 Total Births (Live and Still) :                         |                                       |                                                         |                                                                        |                          |                          |
| (a) Notifications :                                                     |                                       |                                                         |                                                                        |                          |                          |
| Puerperal Fever                                                         | 9.39                                  | 12.65                                                   | 8.81                                                                   | 3.60                     | 9.82                     |
| Puerperal Pyrexia                                                       |                                       |                                                         |                                                                        | ‡15.87                   |                          |
| (b) Maternal Mortality—England and Wales :                              |                                       |                                                         |                                                                        |                          |                          |
| No. 140<br>Abortion<br>with Sepsis                                      | No. 141<br>Abortion<br>without Sepsis | No. 147<br>Puerperal<br>Infections                      | Nos. 142-6<br>148-150<br>Other                                         |                          |                          |
| 0.25                                                                    | 0.08                                  | 0.24                                                    | 1.22                                                                   |                          |                          |
| Abortion: Mortality per million women aged 15-45—England<br>and Wales : |                                       |                                                         |                                                                        |                          |                          |
| No. 140 with Sepsis<br>18                                               |                                       | No. 141 without Sepsis<br>6                             |                                                                        |                          |                          |

\* A dash (—) signifies that there were no deaths.

x Per 1,000 related births.

† Rates per 1,000 total population.

‡ Including Puerperal Fever.

## BEVIN BOYS' HOSTEL.

Since July, 1945 this Hostel has been used as a convalescent Hostel for Dutch children. Parties of 250 Dutch children with their leaders and teachers have arrived every six weeks, and after their six weeks' stay have gone to the South of England for a further six weeks' stay with private families before returning home. A Dutch Medical Officer and a Dutch Nursing Staff have accompanied each party, and a close co-operation has been established particularly to control any possible outbreak of infectious disease.

Diphtheria immunisation material has been supplied to the Medical Officer, and all children and leaders have been immunised.

In December there was unfortunately two cases of Diphtheria, but the prompt diagnosis and removal of the cases to Hospital and the quarantining of the children prevented any spread of the disease. All contacts were swabbed and two positive cases were found. These were left in isolation until clear.

The Dutch Medical Officer and Nursing Staff have been most co-operative and appreciative of any assistance which this Council, through their Officers, have been able to give.



